

M 5.6, 63 km SE of Embarcacin, Argentina

Origin Time: 2023-10-10 00:13:15 UTC (Mon 21:13:15 local)
Location: 23.6067° S 63.6564° W Depth: 538.1 km

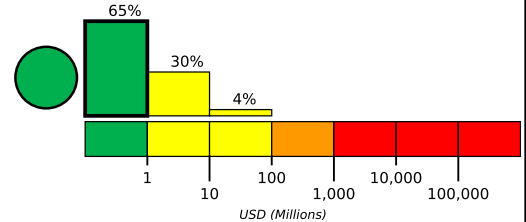
PAGER Version 4

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

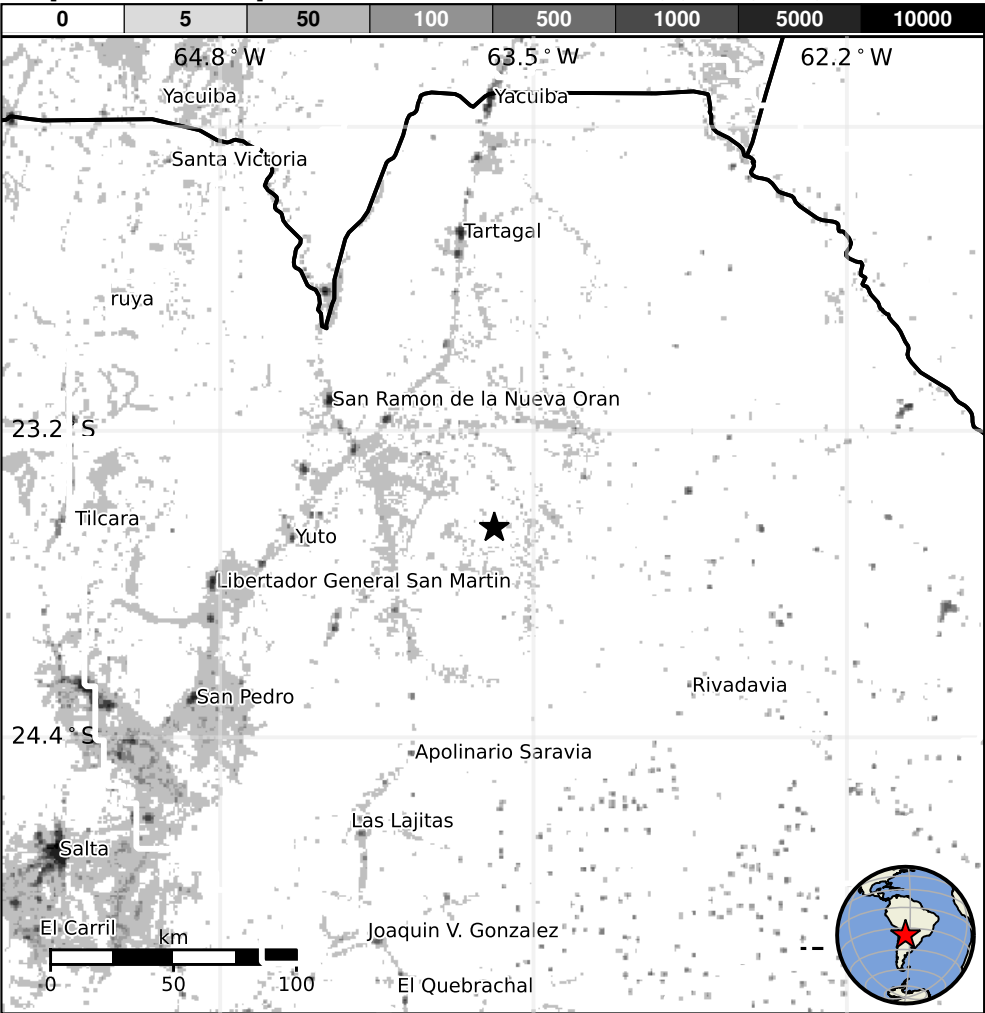


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		2,370k	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block with concrete bond beam and unreinforced brick with concrete floor construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-08-29	72	4.6	III(25k)	—
1973-11-19	141	5.9	VII(9k)	—
1974-07-01	193	6.5	VIII(2k)	—

Selected City Exposure

MMI	City	Population
I	Rivadavia	<1k
I	San Ramon de la Nueva Oran	74k
I	Embarcacin	24k
I	Yuto	8k
I	General Enrique Mosconi	1k
I	Las Lajitas	9k
I	Tartagal	61k
I	Salta	513k
I	San Salvador de Jujuy	306k
I	Yacuiba	83k
I	San Pedro	58k